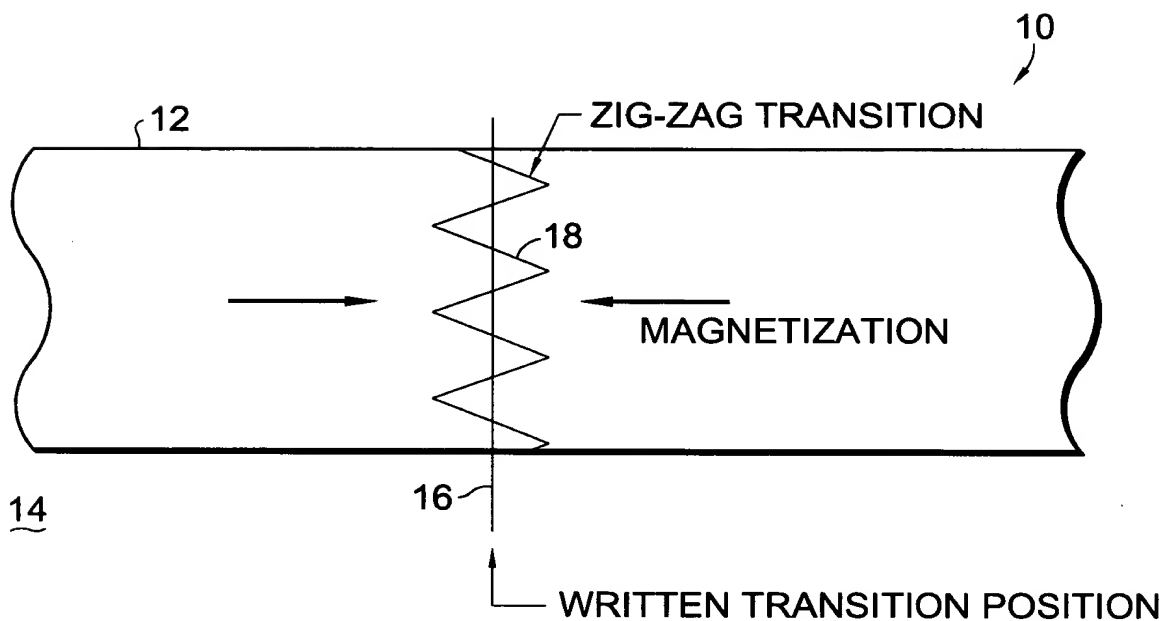
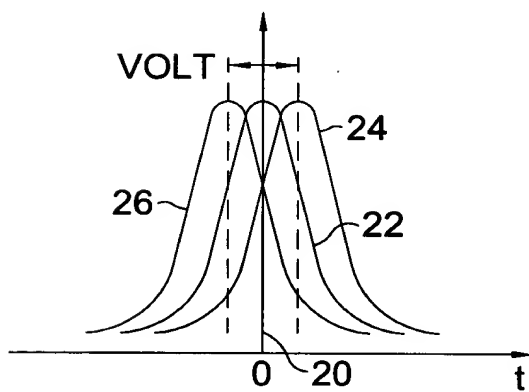


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TRANSITION GEOMETRY

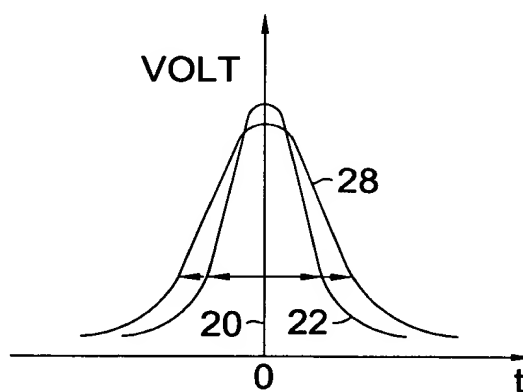
FIG. 1



WRITTEN
TRANSITION
POSITION

POSITION JITTER

FIG. 2



WIDTH VARIATION

FIG. 3

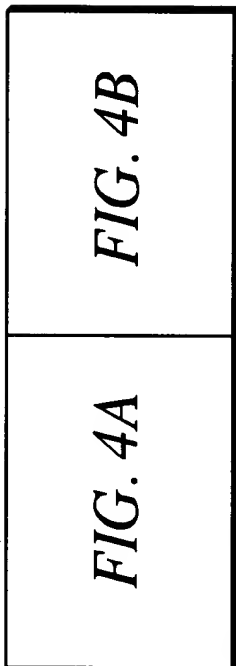


FIG. 4

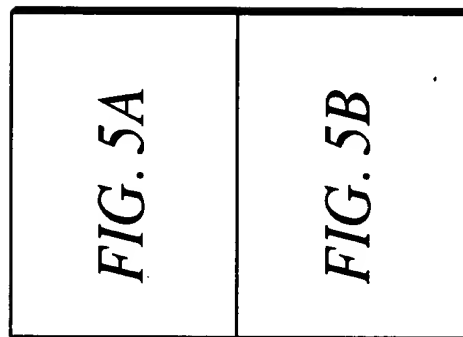


FIG. 5

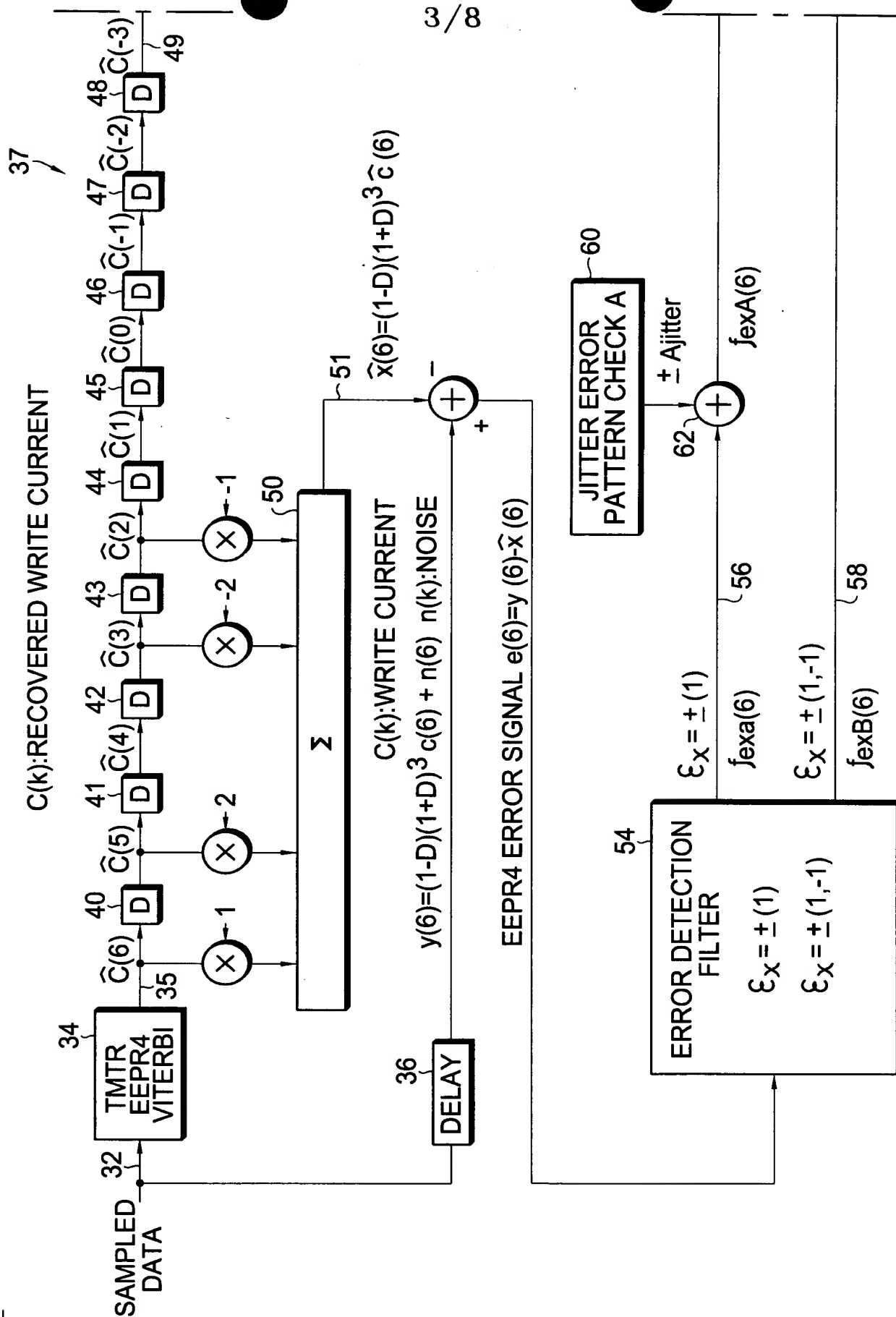


FIG. 4A

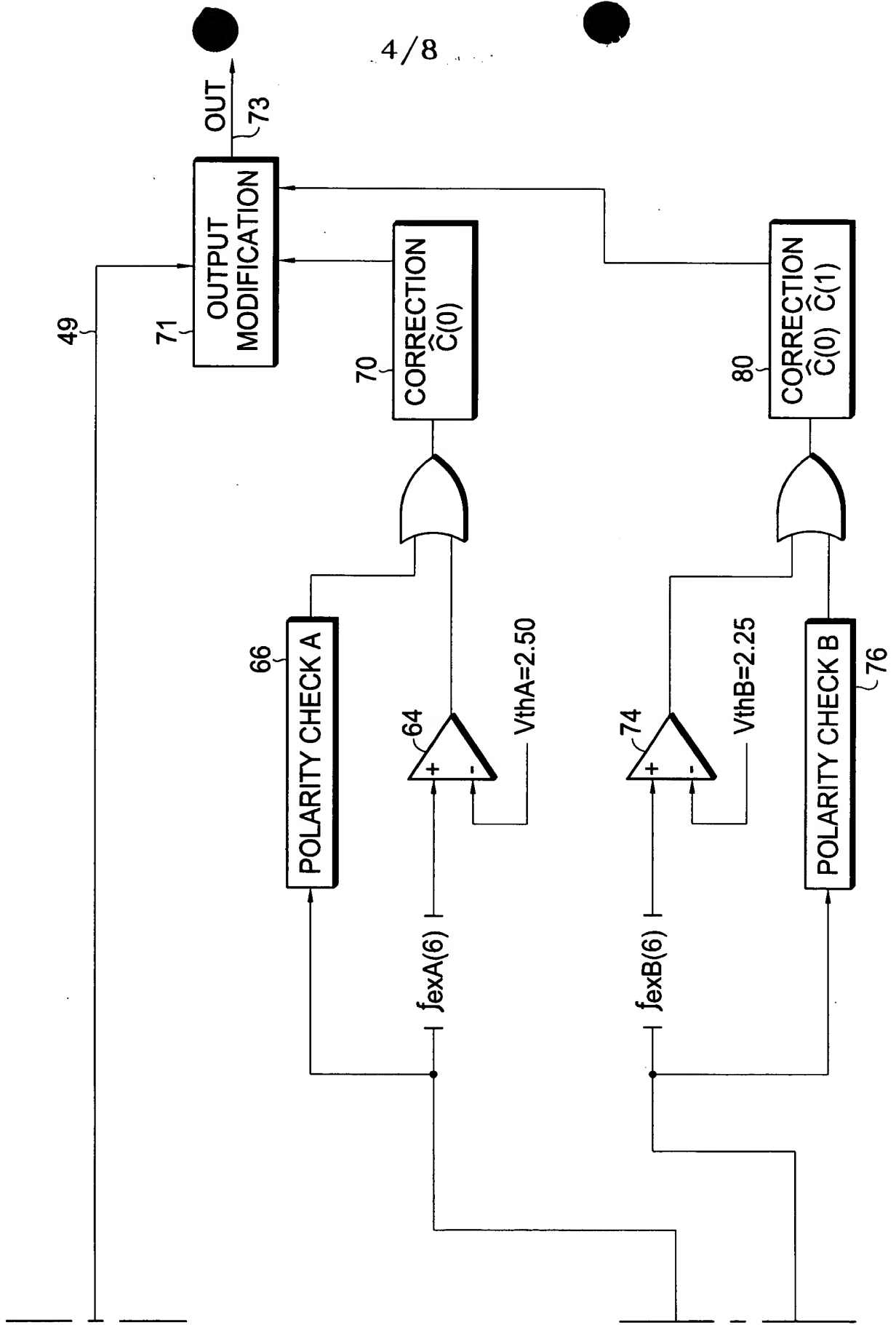


FIG. 4B

TURBO 16/17 EPR4 $\hat{\epsilon}_x = \pm(1)$ DETECTOR WITH MEDIA NOISE CANCELLATION

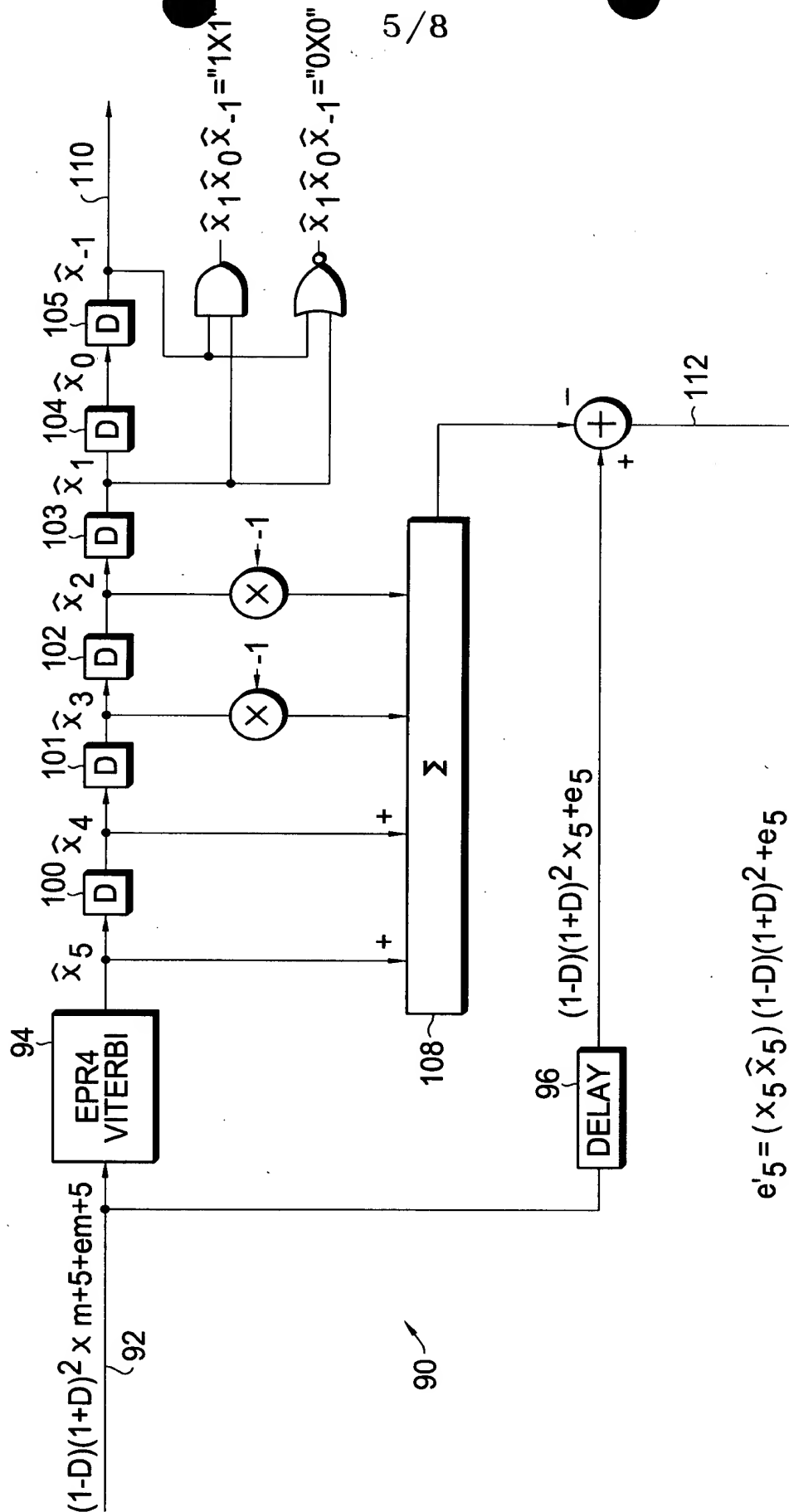


FIG. 5A

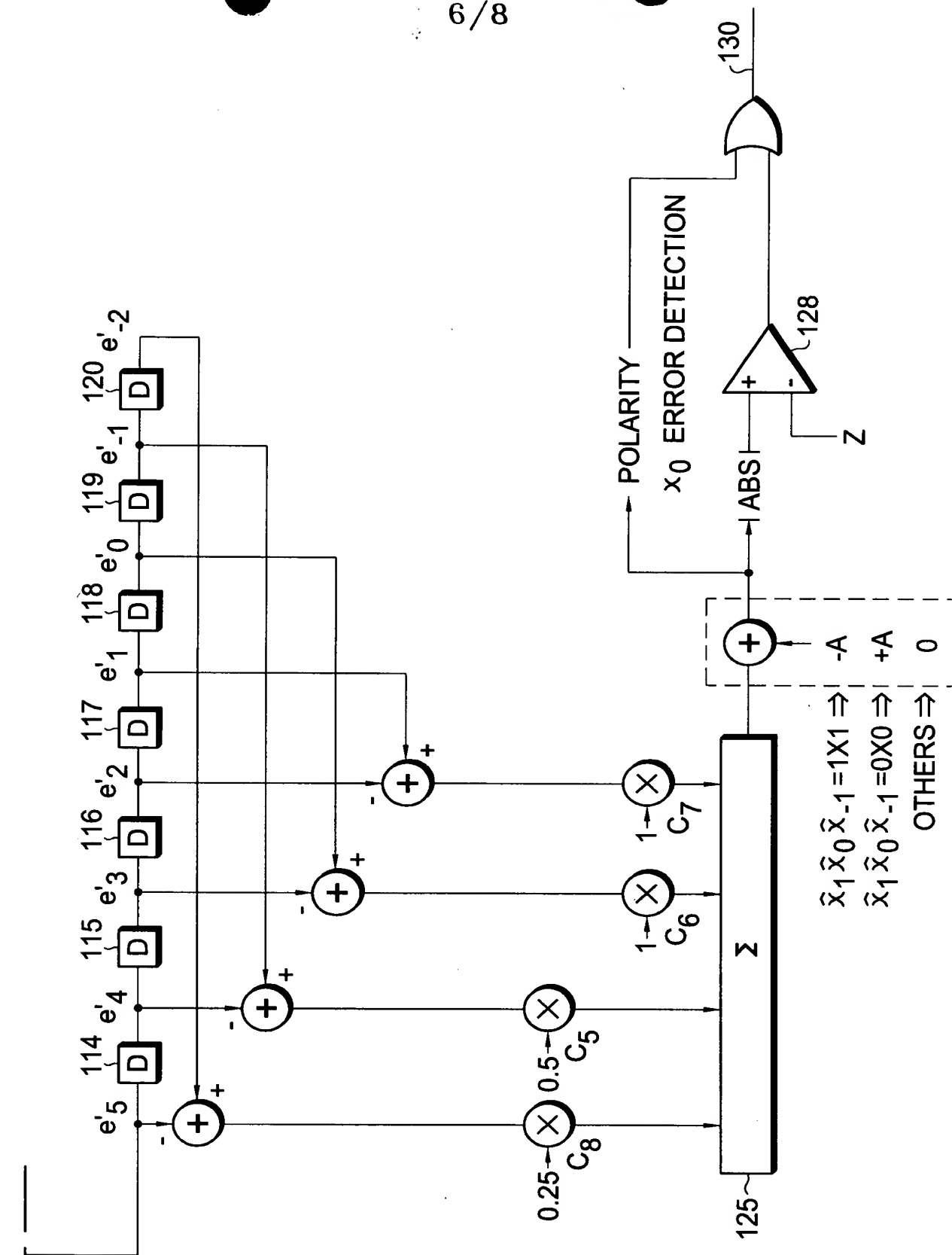


FIG. 5B

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BIT ERROR RATE VS SNR

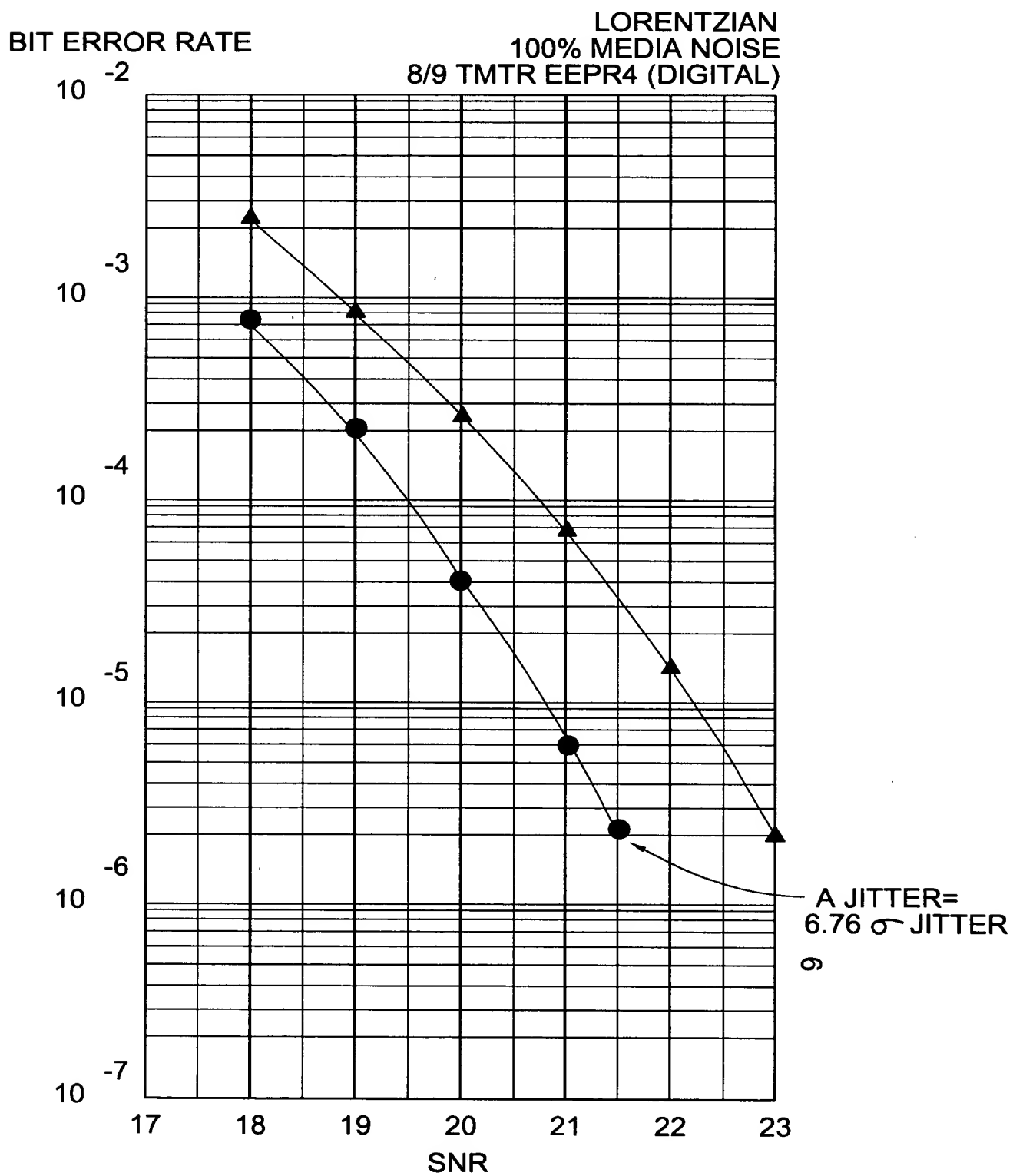


FIG. 6

BIT ERROR RATE VS PEAK JITTER
100% MEDIA NOISE EPR4 CHANNEL

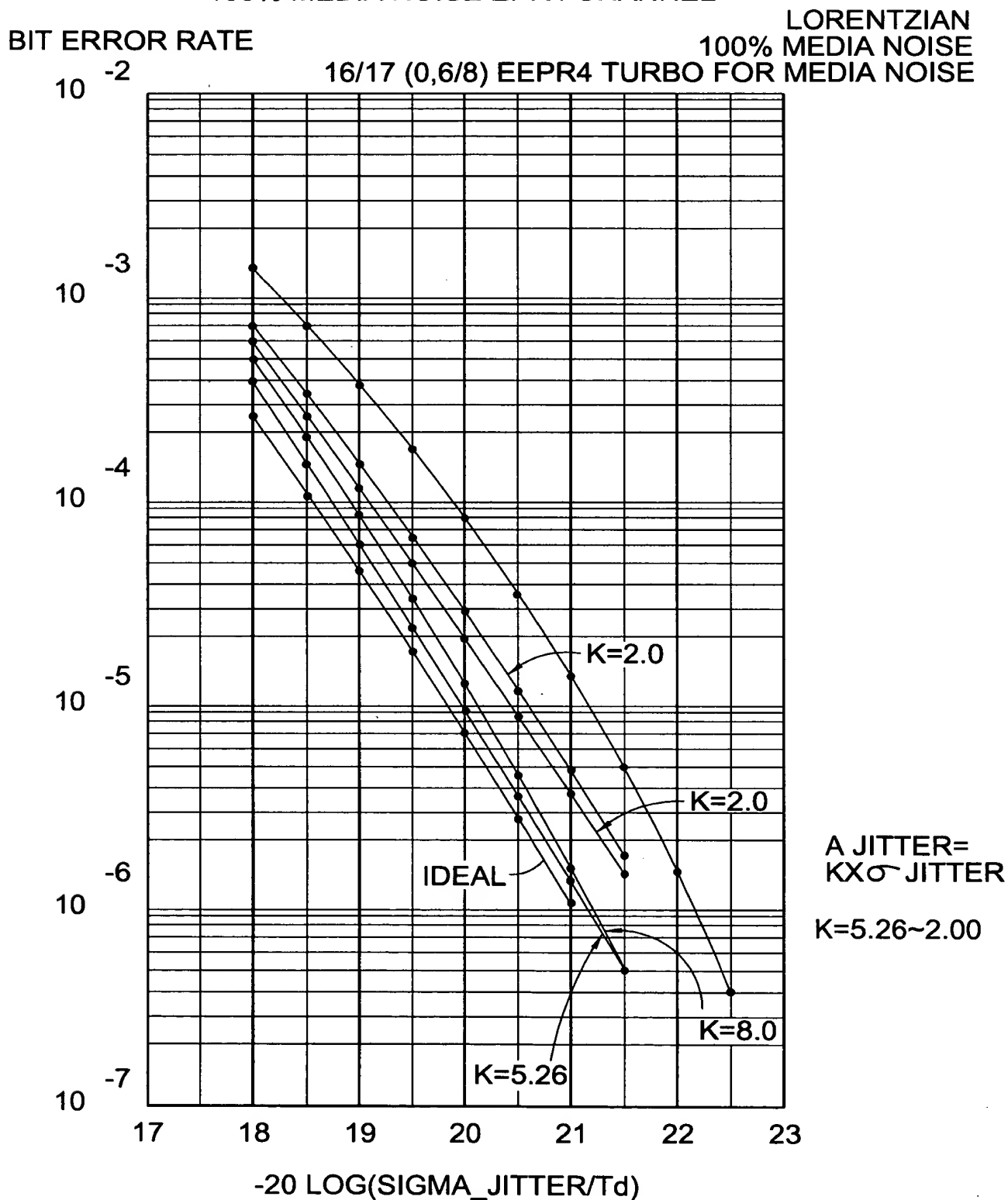


FIG. 7